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BEFORE THE ARIZONA CORPORATION COMMISSION

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COMMISSIONERS

GARY PIERCE, Chairman  
SANDRA D. KENNEDY  
PAUL NEWMAN  
BOB STUMP  
BRENDA BURNS

IN THE MATTER OF THE APPLICATION OF  
FAR WEST WATER & SEWER COMPANY FOR  
A DETERMINATION OF THE FAIR VALUE OF  
ITS SEWER UTILITY PLANT AND PROPERTY  
AND FOR INCREASES IN ITS RATES.

DOCKET NO. WS-03478A-08-0454

**STATUS REPORT**

1 Far West Water & Sewer Company ("Far West") hereby provides a status report  
2 concerning upgrades to its wastewater treatment facilities. This report updates events since Far  
3 West's August 29, 2011, Status Report.

4 **I. THE SECTION 14 PHASE 1 UPGRADE IS FULLY OPERATIONAL**

5 At the Section 14 WWTP, the Phase 1 Upgrade began normal operations on December  
6 19, 2011. Please see Exhibits A and B.

7 **II. THE DEL ORO PHASE 1 UPGRADE IS COMMISSIONED**

8 At the Del Oro WWTP, the Zenon Membrane plant was commissioned on December 16,  
9 2011 and is now in the process of stabilization. Please see Exhibit C.

10 **III. ADEQ HAS ISSUED A DISCHARGE PERMIT FOR THE PALM SHADOWS**

11 **FORCE MAIN**

12 On December 15, 2011, ADEQ issued a discharge permit for the new Palm Shadows  
13 force main. Please see Exhibit D.

14 **IV. SIGNIFICANT EVENTS SINCE AUGUST 2011**

- 15 • **September 29, 2011:** Final certifications required by ADEQ for the force main  
16 delivered to Ryan Richards.
- 17 • **September 30, 2011:** Far West given permission to pump from the Palm Shadows  
18 collections system directly into the force main to Section 14.

- 1 • **October 28 and 31:** As-builts for Palm Shadows plant and pumping station delivered  
2 to Ryan Richards, ADEQ.
- 3 • **September 30 to November 17:** Palm Shadows WWTP in process of closure.  
4 Tanks drained, and only one pond and a quarter of another percolation pond have any  
5 effluent in them. Odor gone.
- 6 • **November 17, 2011:** Physical Inspection conducted of all plants by ADEQ, Marcia  
7 Colquit and Jeff Lemley. As-builts and certifications for Section 14 WWTP  
8 delivered to them at that time, as well as October testing of the effluent to show A+  
9 quality.
- 10 • **November 25, 2011:** The pumps for Palm Shadows force main jump their railings,  
11 forcing shut down of force main and reuse of WWTP for two days, filling tanks again,  
12 but not the ponds. The pump specifications called for ½ -inch bolts. Far West  
13 replaced the failed bolts with ¾-inch bolts.
- 14 • **November 29, 2011:** Letter received from ADEQ requiring redundant power source  
15 installed and tested before a discharge permit can be issued.
- 16 • **December 5, 2011:** Redundant power source arrives and is installed. A Generac  
17 Technician is scheduled to test the equipment as required by ADEQ, but first his  
18 available date is December 15, 2011.
- 19 • **December 5, 2011:** The addition of the effluent from the Palm Shadows ponds, as  
20 well as the residue left in the under ground tanks to the normal flow from the Palm  
21 Shadows lift station overwhelms Section 14 plant, causing a partial shut-down, and  
22 maintenance cleaning of the membranes. Flow of Palm Shadows once again is  
23 redirected to the Palm Shadows WWTP for four days. Normal operations of the force  
24 main resumes December 9, but underground tanks and one pond and two thirds of  
25 another pond are filled again. Odor control operations are increased, with the use of  
26 lime for the ponds, as well as dry calcium nitrate to increase its effectiveness.

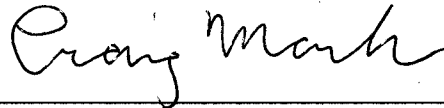
1 Upon analysis, the problem was too-rapid draining and processing of the stored Palm  
2 Shadows sludge tanks (not the normal waste being delivered through the force-main).  
3 This caused the Section 14 membranes to clog-up, which required that they be taken  
4 off-line for cleaning. This should be a non-recurring issue.

- 5 • **December 12, 2011:** Far West commences draining of the tanks again.
- 6 • **December 15, 2011:** Inspection and startup of redundant power completed,  
7 certificate of testing sent to ADEQ, along with updated engineer's certificate and as-  
8 built plans showing the redundant power supply..
- 9 • **December 15, 2011:** Authorization to discharge received from ADEQ.
- 10 • **December 15, 2011:** Letters sent to ADEQ confirming stabilization of operations for  
11 Section 14, along with effluent testing for October and November, and notification  
12 that the Palm Shadows collections system has been optimized and stabilized.
- 13 • **December 16, 2011:** Notification received from Marcia Colquit that the Section 14  
14 plant has been approved for discharge and acceptance of additional hookups.
- 15 • **December 16, 2011:** Commissioning of the new Del Oro Phase One Wastewater  
16 Treatment plant is completed by Zenon Environmental Corporation; and stabilization  
17 of operations continues.
- 18 • **December 21, 2011:** The temporary plant at Del Oro, in use since June 2006, is  
19 removed and taken to the Seasons WWTP for installation there. This provides the  
20 necessary space at Del Oro for completion of the construction of the Del Oro plant,  
21 including three new above ground process tanks and related equipment.

## 22 V. PLANNED CHANGES

23 To provide redundancy, Far West intends to maintain storage tanks at the existing Palm  
24 Shadows site. This will provide up to 24 hours of storage if the new force main goes off line for  
25 any reason. Updated plans are being submitted to ADEQ.

1 **Respectfully submitted** on December 23, 2011, by:

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3  
4 

5  
6 Craig A. Marks  
7 Craig A. Marks, PLC  
8 10645 N. Tatum Blvd.  
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10 Phoenix, AZ 85028  
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12 [Craig.Marks@azbar.org](mailto:Craig.Marks@azbar.org)  
13 Attorney for Far West Water & Sewer Company

**Original** and 13 copies **filed**  
on December 23, 2011, with:

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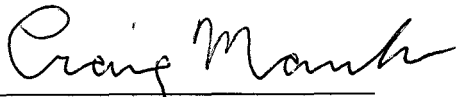
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**Copies** of the foregoing **mailed** on  
December 23, 2011, to:

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Carl Bailey  
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Yuma, AZ 85365

By:

  
Craig A. Marks



**FAR WEST WATER & SEWER, INC.**

December 15, 2011

Marcia Colquit  
Water Quality Enforcement Unit  
Water Quality Compliance Section  
Arizona Department of Environmental Quality  
1110 W. Washington Street  
Phoenix, Arizona, 85007

Re: State of Arizona v. Far West Water and Sewer, Inc.  
CV2008-021676

Re: Section 14 WWTP

Dear Ms. Colquit,

This letter will confirm that, pursuant to Compliance Schedule A of the Consent Judgment, Far West has completed the tasks set forth in subsections 2 and 3 of the schedule entitled "Section 14 WWTP".

Zenon Environmental Corporation has completed commissioning of the Section 14 WWTP and operations have been stabilized.

Pursuant to subsection 3, on November 17, 2011, Far West submitted to ADEQ, by personal delivery to you and Jeff Lemley, a signed, dated, and sealed Engineer's Certificate of Completion, together with as built plans showing the construction of the Section 14 WWTP expansion, and confirming that the Phase I Expansion was completed in accordance with the design report, engineering plans and specifications approved by ADEQ.

I certify under penalty of the law that this document and all attachments, if any, were prepared under my direction or supervision by qualified personnel responsible for properly gathering and evaluating the information submitted. Based on my inquiry of the person or people who are responsible for gathering or developing the information, to the best of my knowledge and belief, the information submitted is true, accurate and

complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew J. Capastro", with a long, sweeping horizontal line extending from the end of the signature.

Andrew J. Capastro

CC: Curtis Cox, Assistant Attorney General



**FAR WEST WATER & SEWER, INC.**

December 15, 2011

Marcia Colquit  
Water Quality Enforcement Unit  
Water Quality Compliance Section  
Arizona Department of Environmental Quality  
1110 W. Washington Street  
Phoenix, Arizona, 85007

Ryan Richards  
Arizona Department of Environmental Quality  
C/o Engineering Review Desk  
1110 W. Washington Street  
Phoenix, Arizona 85007

Re: State of Arizona v. Far West Water and Sewer, Inc.  
CV2008-021676

Re: Palm Shadows Pump Station  
ADEQ File 20061202, LTF #52962

Dear Ms. Colquit and Mr. Richards,

Pursuant to Compliance Schedule A of the Consent Judgment, Palm Shadows collection System (PSCSP), subsection 7(a), Far West has optimized and stabilized the upgraded Section 14 WWTP and PSCS and has commenced routine operations of the new Section 14 WWTP with all of the flows coming from the Palm Shadows lift station and force main.

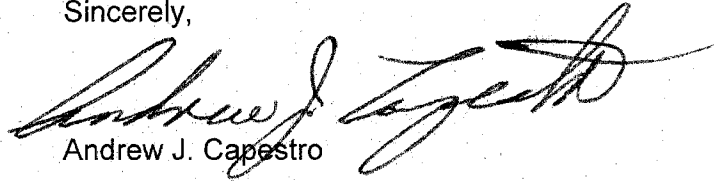
In addition, in response to the notice from ADEQ dated November 30, 2011, Far West has submitted this date an updated ECC, performance test results for the newly installed generator at the Palm Shadows lift station and the relevant as-built plans showing the redundant power source.

I certify under penalty of the law that this document and all attachments, if any, were prepared under my direction or supervision by qualified personnel responsible for properly gathering and evaluating the information submitted. Based on my inquiry of the person or people who are responsible for gathering or developing the information, to the best of my knowledge and belief, the information submitted is true, accurate and



complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew J. Capestro". The signature is fluid and cursive, with a large, stylized initial "A".

Andrew J. Capestro

CC: Curtis Cox, Assistant Attorney General



**FAR WEST WATER & SEWER, INC.**

December 22, 2011

Marcia Colquit  
Water Quality Enforcement Unit  
Water Quality Compliance Section  
Arizona Department of Environmental Quality  
1110 W. Washington Street  
Phoenix, Arizona, 85007

Re: State of Arizona v. Far West Water and Sewer, Inc.  
CV2008-021676

Re: DEL ORO WWTP: PHASE I

Dear Ms. Colquit,

This letter will confirm that, pursuant to Compliance Schedule A of the Consent Judgment, Far West has completed certain tasks set forth in Section 9 of Schedule A entitled "Del Oro WWTP-Phase I".

The temporary 0.300 MGD MBR treatment module was removed on Wednesday, December 22, 2011, and relocated to the Seasons WWTP, and the permanent .0300 MGD MBR treatment module has been installed.

Now that the temporary treatment plant has been removed, the space necessary for the three remaining above ground process tanks is available. Far West will soon be pouring the pads for those tanks, and thereafter the tank equipment, which is already on site, will be assembled and placed into service.

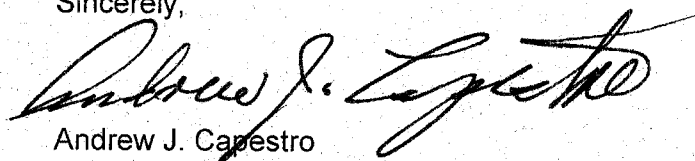
Cathy Colette representing Zenon Environmental Corporation completed commissioning of Phase I of the Del Oro WWTP on June 16, 2011 and operations of that plant are in the process of being stabilized.

Far West will continue to operate the treatment plant in such a manner that it produces Class A+ reclaimed water.

I certify under penalty of the law that this document and all attachments, if any, were prepared under my direction or supervision by qualified personnel responsible for properly gathering and evaluating the information submitted. Based on my inquiry of

the person or people who are responsible for gathering or developing the information, to the best of my knowledge and belief, the information submitted is true, accurate and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fines and imprisonment for knowing violations.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrew J. Capestro". The signature is fluid and cursive, with a large, stylized initial "A".

Andrew J. Capestro

CC: Curtis Cox, Assistant Attorney General



**DISCHARGE AUTHORIZATION**  
FOR A SEWAGE COLLECTION SYSTEM  
TYPE 4.01 GENERAL PERMIT

<b>Permittee Information:</b>		County: Yuma	
Name	Far West Water and Sewer Inc.	ADEQ File No.	20061202
Address	13157 East 44 <sup>th</sup> Street Yuma, AZ 85367	Project Name:	Palm Shadows Pump Station and 44 <sup>th</sup> Street Forcemain
		LTF #:	52962
<b>Project Type(s)</b>		<b>Project Location:</b>	
<input type="checkbox"/> Gravity		The Palm Shadows Pump Station is located on the East of Avenue 9-1/2 E and north of 40 <sup>th</sup> Street in the Yuma Foothills, on the west end of the Far West Service Area.	
<input checked="" type="checkbox"/> Lift Station		<b>Project Description:</b>	
<input checked="" type="checkbox"/> Force Main		Installed Installation of approximately 25,800 linear-feet of 12-inch PVC C-900 force main, 700 linear-feet of 12-inch DIP force main, 200 linear-feet of 14-inch HDPE force main, 1 lift station, and related appurtenances.	
<input type="checkbox"/> Other:			
<b>Design Documents Approved for Construction</b>		Treatment Facility	
		WWTP Name: Section 14 WWTP	Permitted Design Flow: 1.3 MGD
Document	Date	APP Number 105014	System Capacity
Engineer's Certificate of Completion	10/28/10	Sewage Collection System Capacity Affirmation Date: 07/28/10	Affirmation, Date: 07/28/10
Deflection Tests	N/A	<b>Location of Downstream End of System Proposed Herein:</b>	
Uniform Slope Tests	N/A	Township 18N	Range 22W
Leakage Tests	07/21/11	Section 03	1/4 1/4 1/4
As-built Plans	10/27/11	Latitude 34 ° 58 ' 00 " N	
Generator Tests	12/15/11	Longitude 114 ° 36 ' 00 " W	
Manhole Tests	N/A	<b>Description of Area Served by Project:</b>	
		The applicant constructed the Plan Shadows lift station but did not construction lift station #16 in the approved construction plans.	
<p><b>Discharge Authorization:</b> This Discharge Authorization is issued in accordance with Arizona Administrative Code Title 18, Chapter 9, Article 3, Part A, Section A301. The permittee is authorized to discharge from the facility at the location specified herein under terms and conditions of the general permit and applicable requirements of Arizona Revised Statutes Title 49, Chapter 2, and Arizona Administrative Code Title 18, Chapter 9.</p>			
 Tanyeer Faiz, P.E.		Environmental Engineer, WQD Groundwater Section Title	
		Date 12/15/2011	

Reviewer: RDR  
ERP: 11-0427

REVISED MARCH 2006

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